

## **Comparative analysis of development of technical giftedness of a person depending on its engagement into specialized educational environment**

Merzon E., Shterts O., Panfilov A.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### **Abstract**

The article is devoted to empirical research of technical giftedness in children and young men depending of the extent of their engagement into specialized educational environment. Theoretical part gives a review of available concepts of giftedness and describes structural components of technical inclinations of a person. Giftedness is defined as systematic attribute of personality which is characterized by development dynamics. Practical part gives the results of comparative analysis of level of technical thinking, spatial thinking and imagination, professional inclinations of teenagers, students of high schools and of higher education technical institute. The results of research have shown that level of technical comprehension, spatial thinking and imagination is higher with students of technical institute of higher education than with children. Comparative analysis has shown that educational environment of a technical institute facilitates development of technical skills of a person, allows to achieve higher than average results in the sphere of construction and technologies. © IDOSI Publications, 2013.

<http://dx.doi.org/10.5829/idosi.mejsr.2013.16.12.12096>

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### **Keywords**

Factors influencing development of giftedness, Giftedness, Spatial thinking and imagination, Specialized social environment, Technical inclinations, Technical intellect, Technical skills